

**FIG. 1**  
*(Prior Art)*

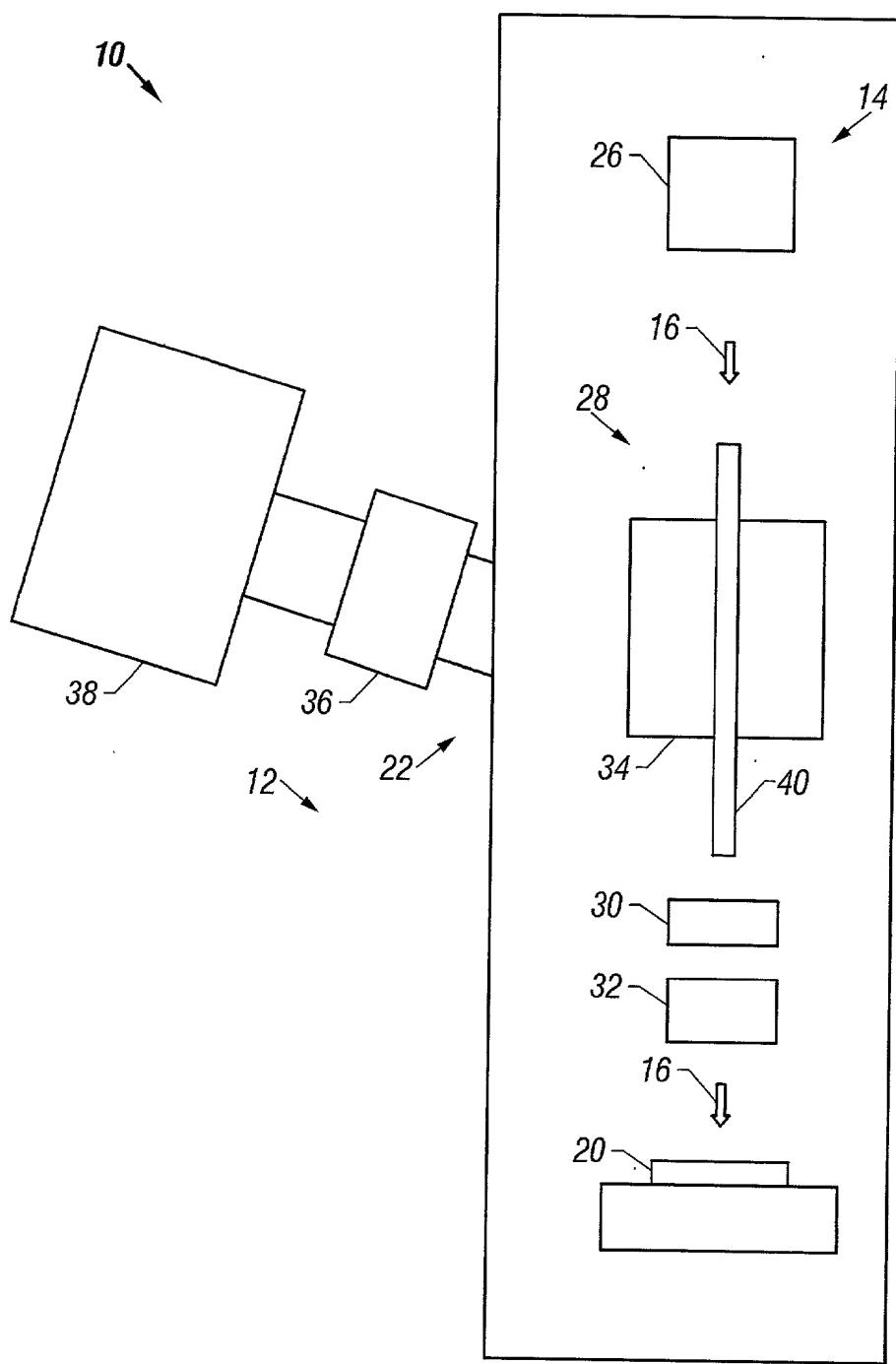


FIG. 2

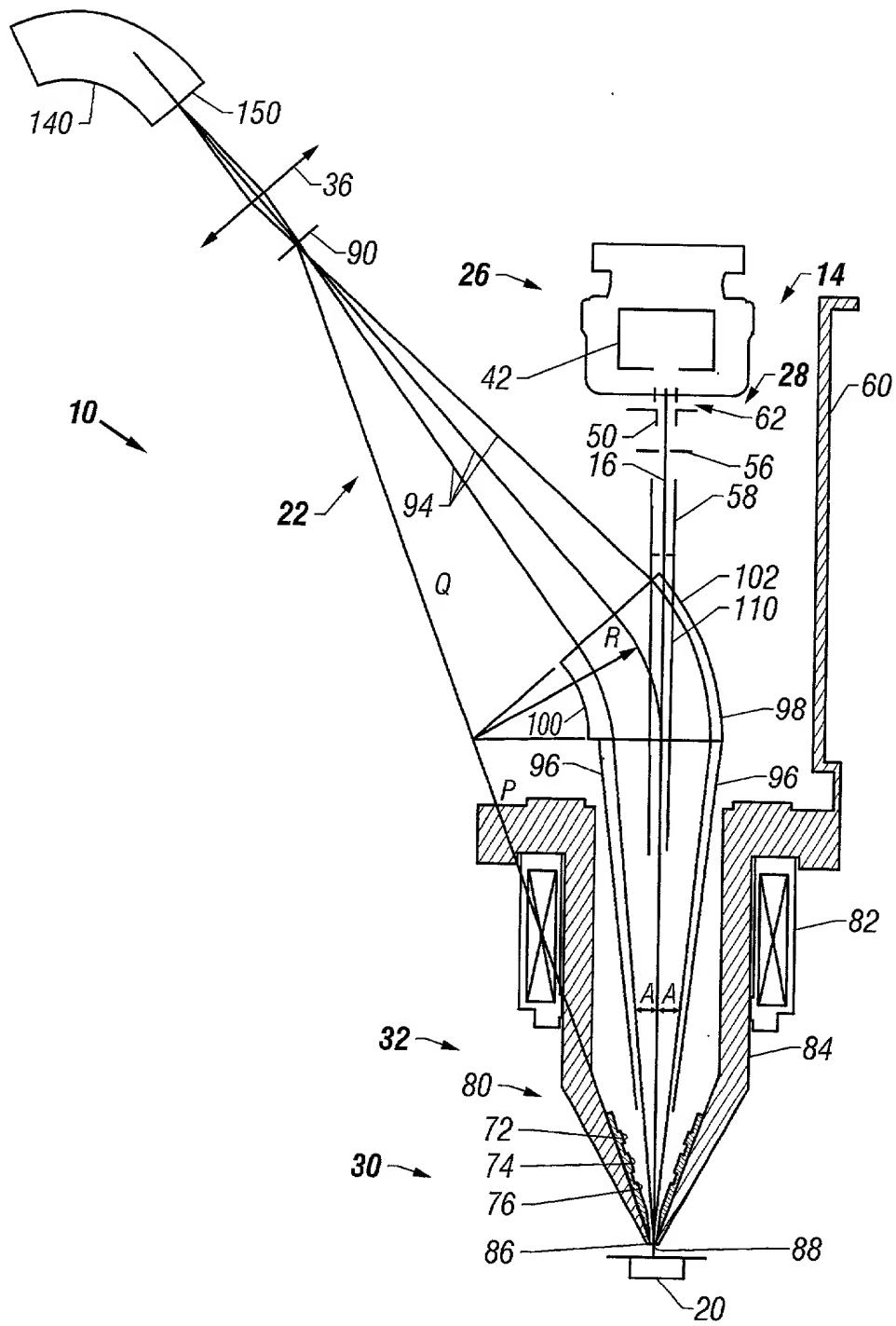


FIG. 3

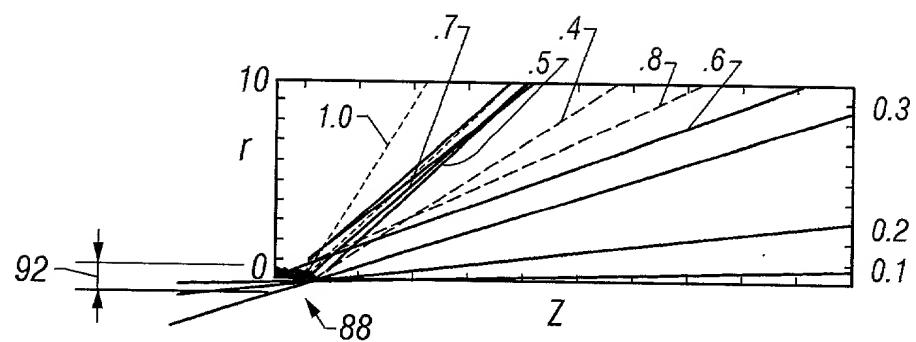


FIG. 4

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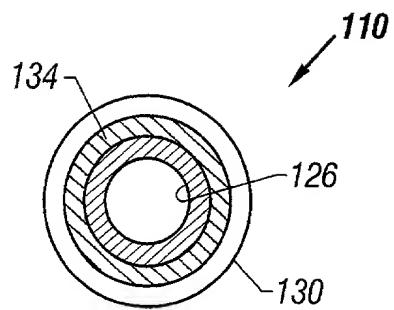


FIG. 5A

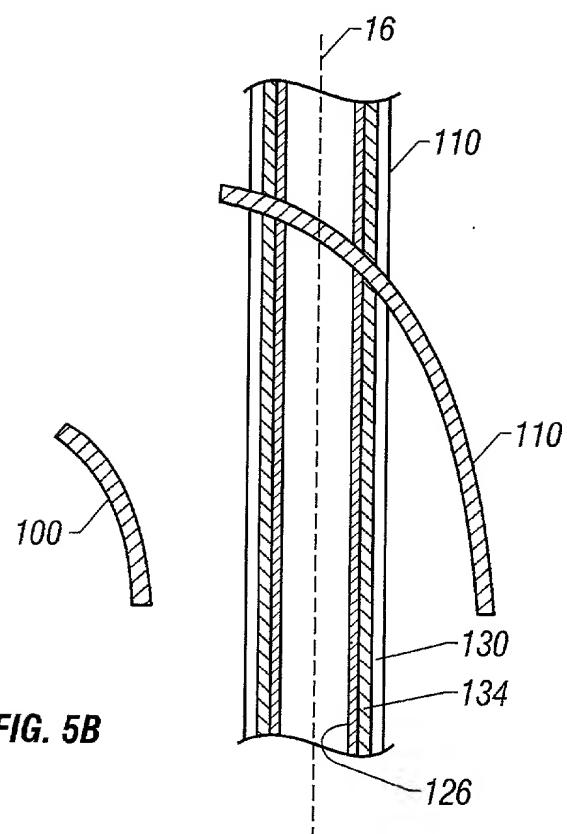


FIG. 5B

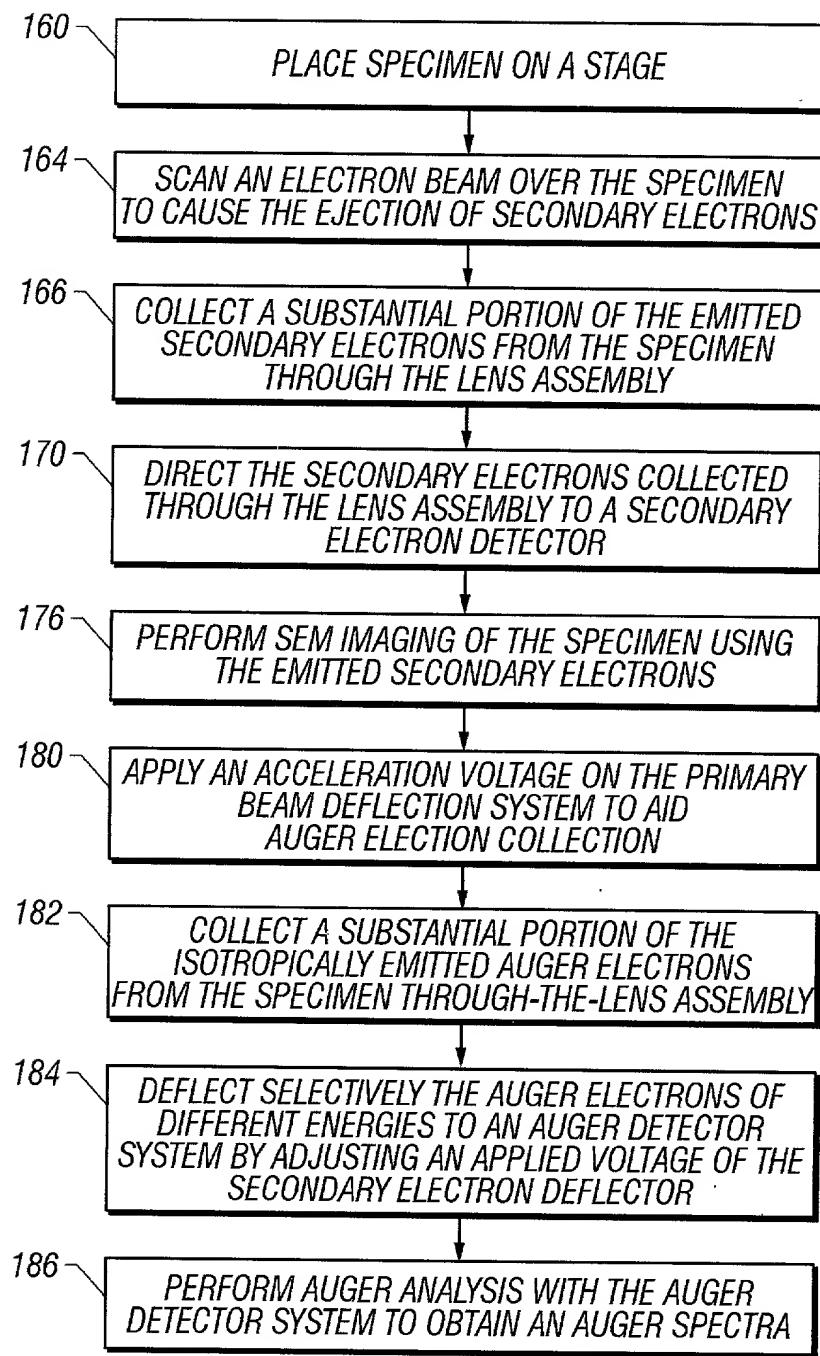


FIG. 6

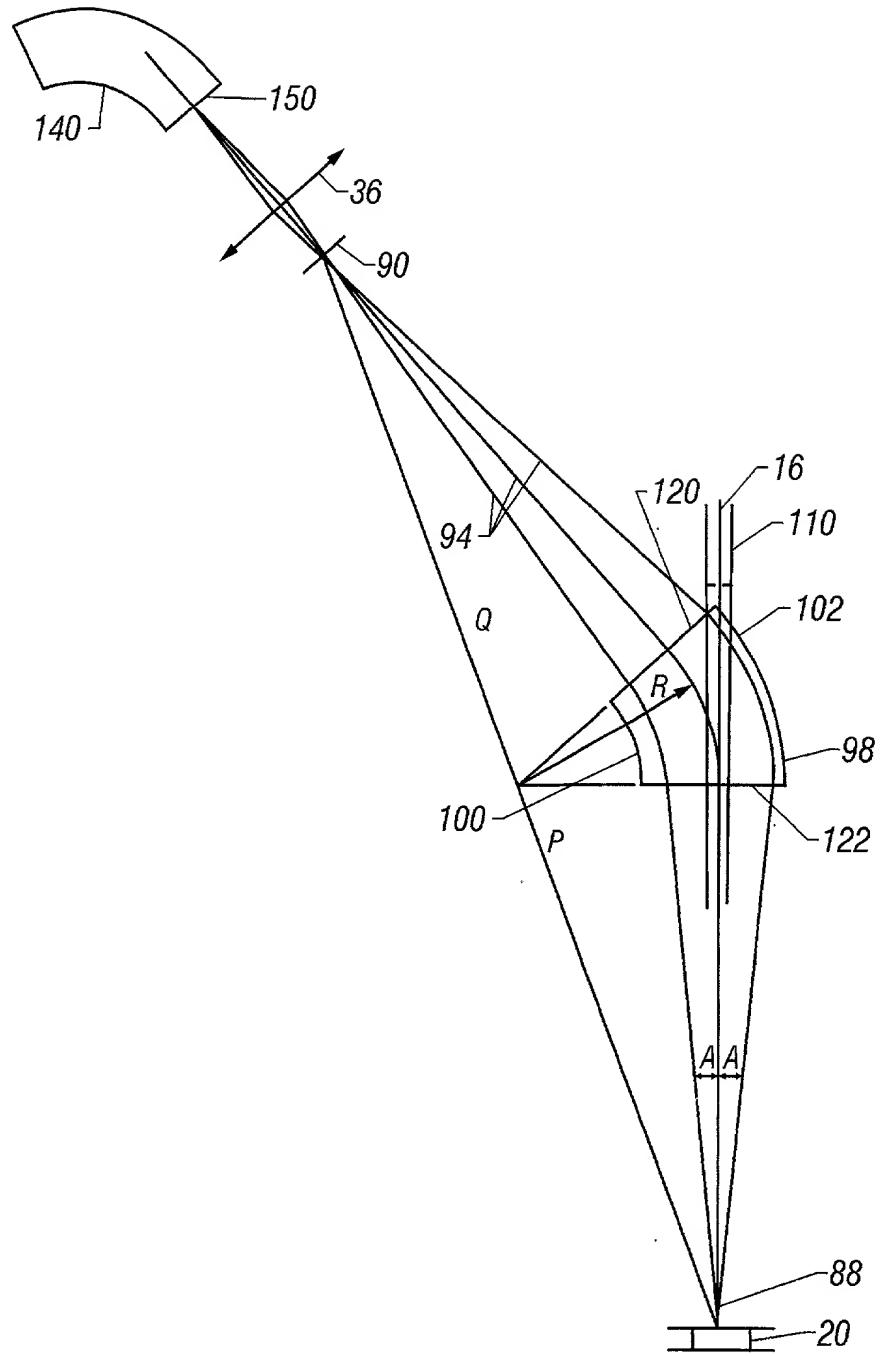


FIG. 7

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FIG. 8A

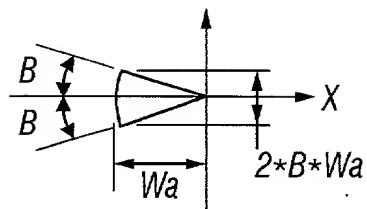


FIG. 8B

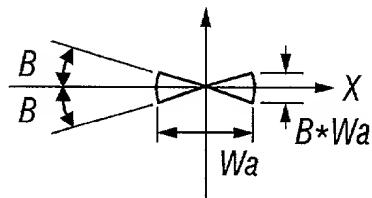


FIG. 8C

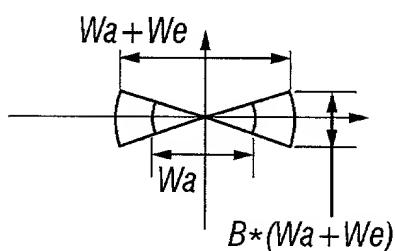


FIG. 8D

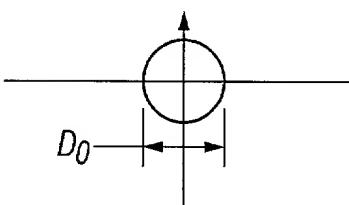
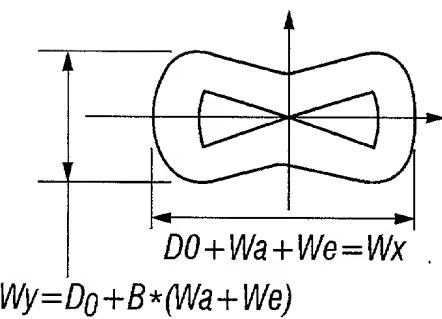


FIG. 8E



Spherical Analyzer Geometric Aberration

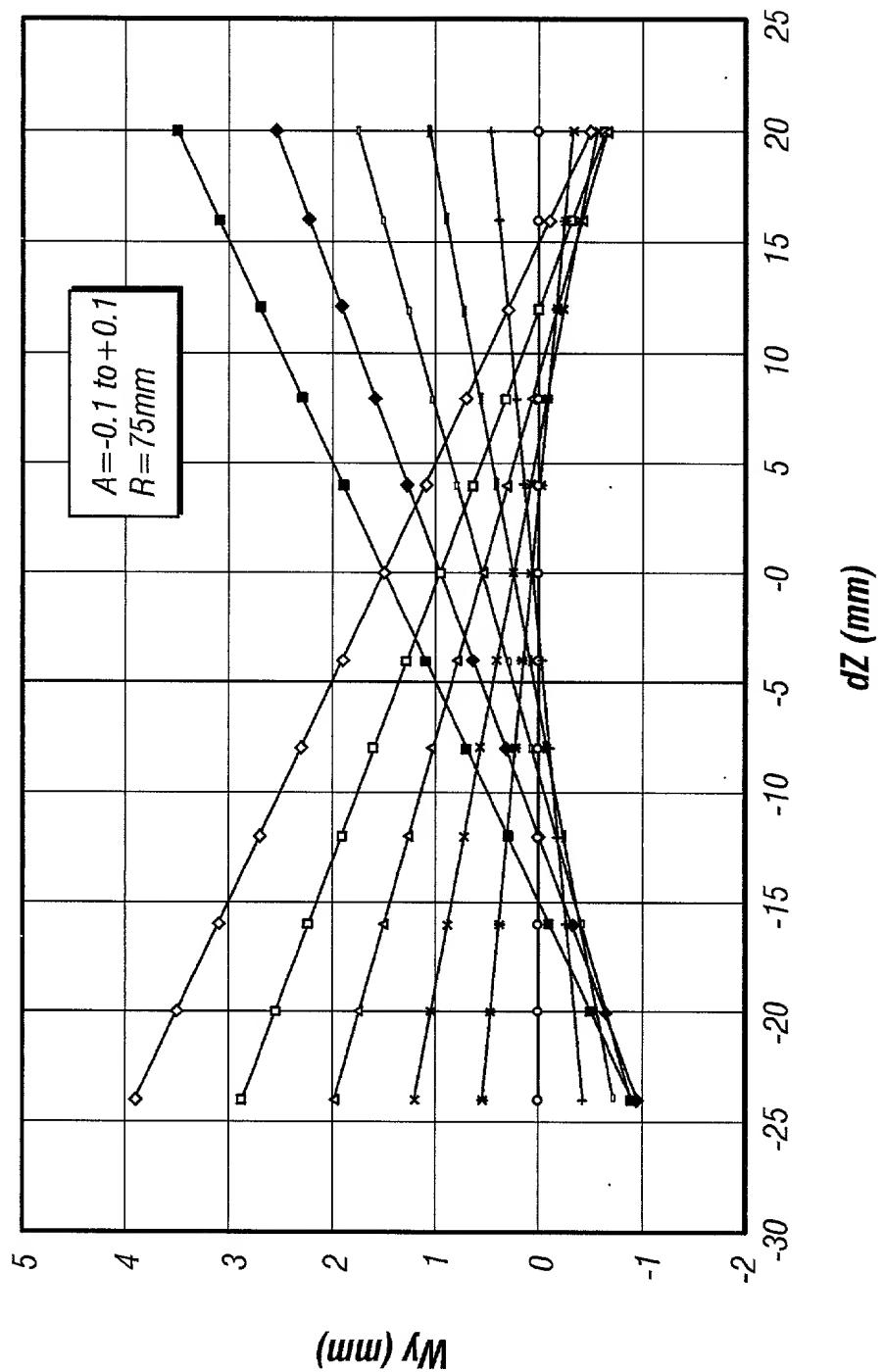


FIG. 9

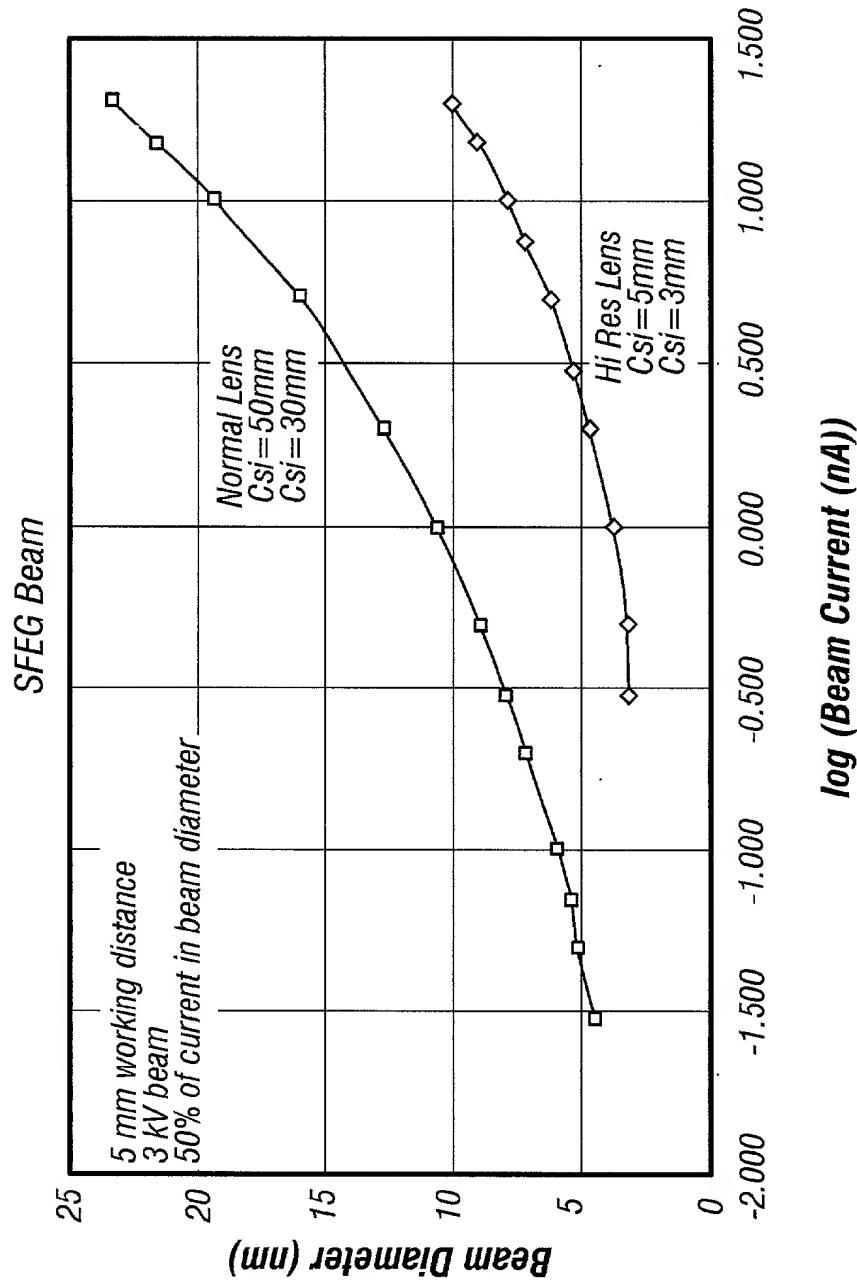
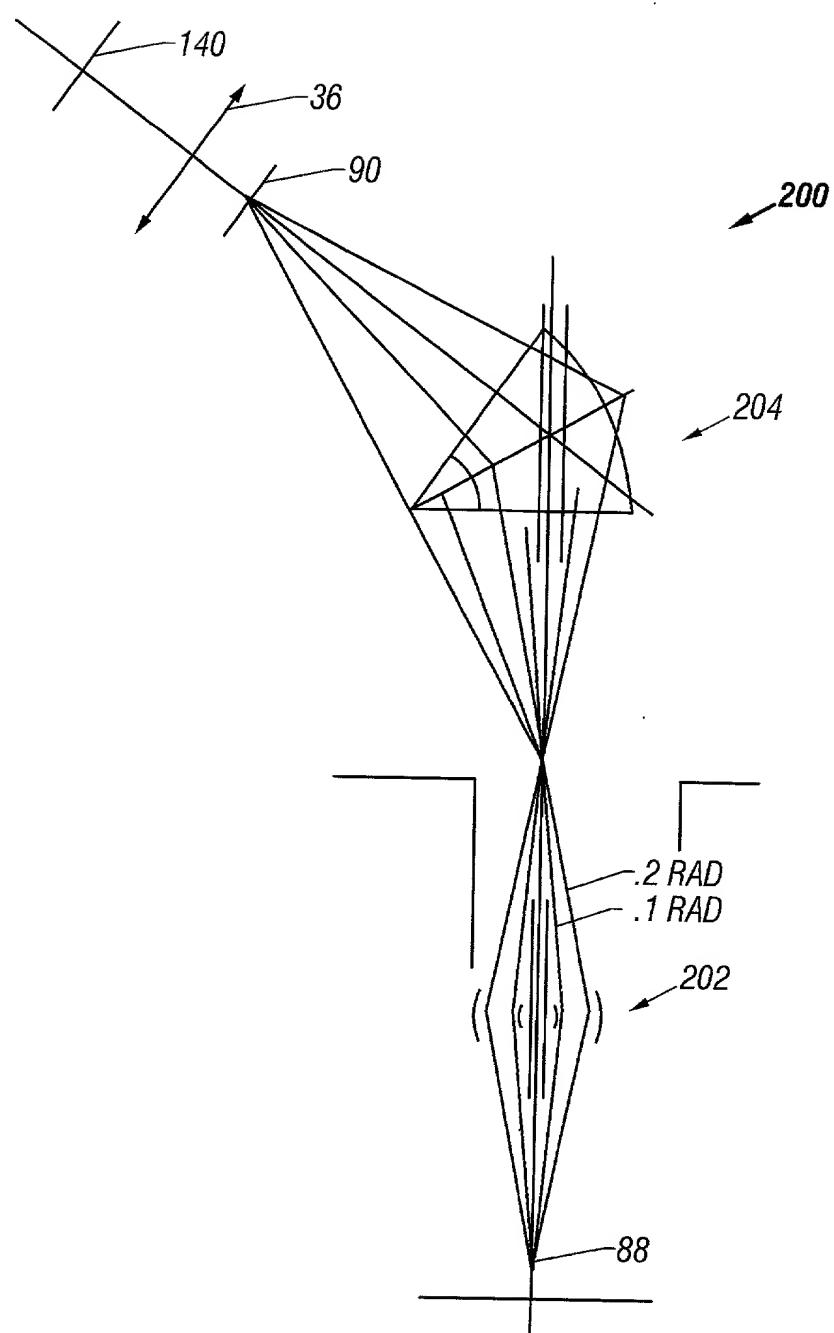


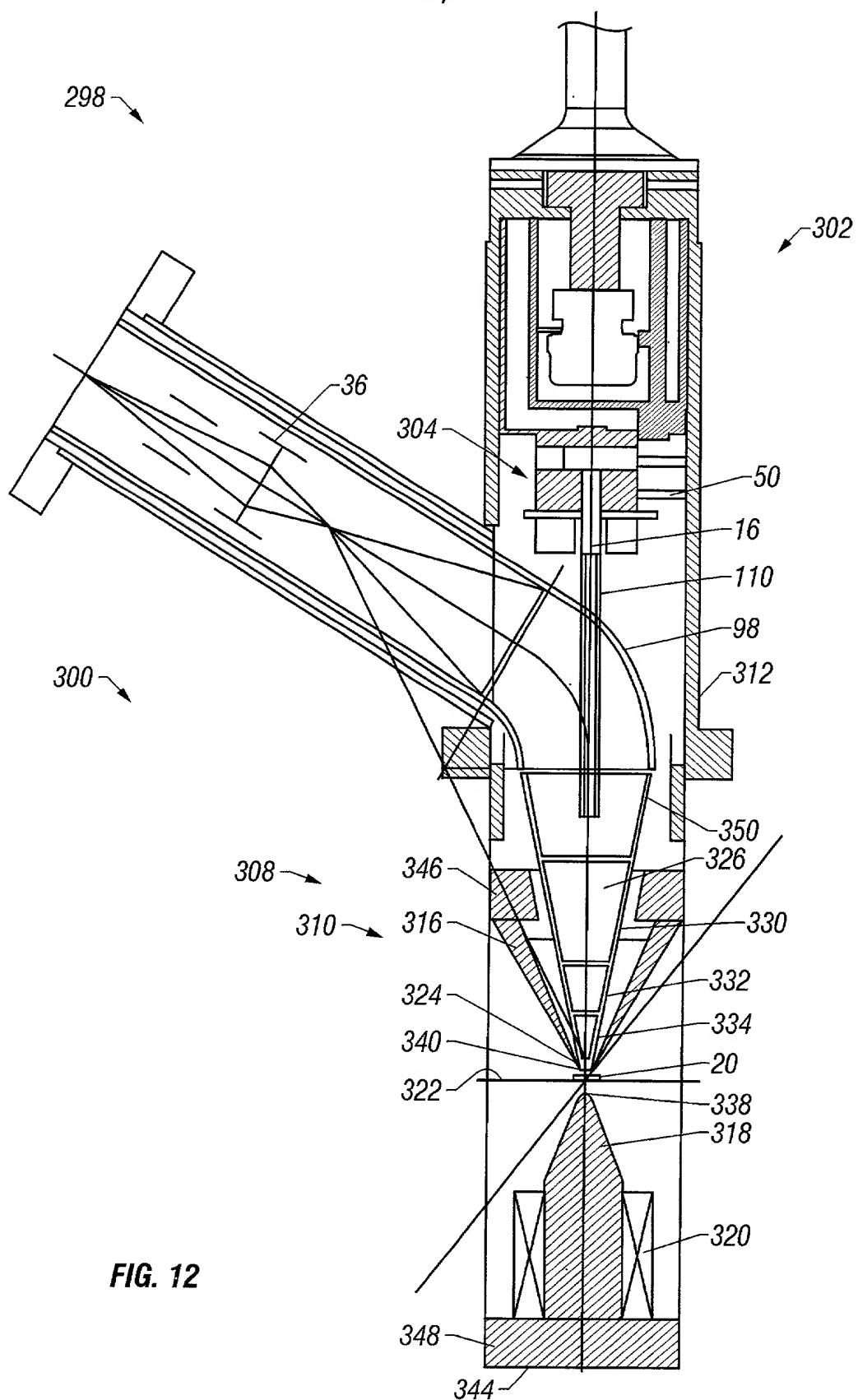
FIG. 10

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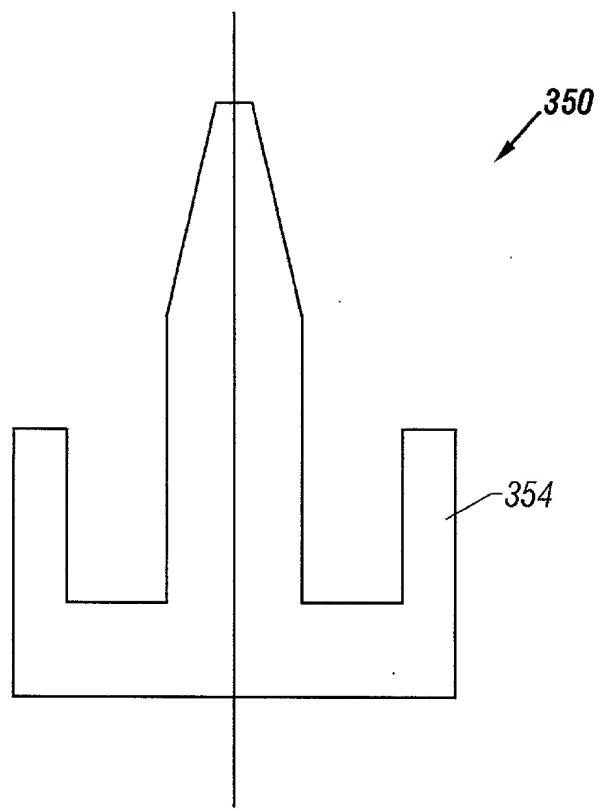
**FIG. 11**

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**FIG. 12**

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**FIG. 13**